

## Department of IRCBM, CIIT Lahore (2015)

### ISI and IF Publications

S. No.	Title	Authors	Journal Name	Volume/ Issue	Page/Article ID	Dep- Campus	IF/ISI	CIIT Authors
1	In vitro antibacterial activity of selected medicinal plants from lower Himalayas	Z. Zulqarnain, <b>A. Rahim</b> , K. Ahmad, F. Ullah, H. Ullah, U. Nishan, Rizwana A. Qureshi	Pakistan Journal of Pharmaceutical Sciences	28 (2)	581-587	IRCBM-LHR, COMSATS Abbotaba	1.103	1
2	Design of a novel magnetic particles based electrochemical biosensor for organophosphate insecticide detection in flow injection analysis	Rocio B. Dominguez, Gustavo A. Alonso, Roberto Muñoz, <b>Akhtar Hayat</b> , Jean-Louis Marty	Sensors and Actuators B: Chemical	208	491–496	IRCBM-LHR	3.71	1
3	Applications of Raman Spectroscopy in Dentistry: Analysis of Tooth Structure	R. Ramamkrishnaiah, S. Basavarajippa, A.A. Al Kheraif, B.H. Durgesh, <b>A.S. Khan</b> , I.U.Rehman	Applied Spectroscopy Reviews	50	332–350	IRCBM-LHR	3.1	1
4	Chitosan-based hydroxyapatite electrospun mats, hydrogels and cast films: Novel anti-bacterial wound dressing	Sohail Shahzad, <b>Muhammad Yar</b> , <b>Saadat Anwar Siddiqi</b> , Nasir Mahmood, Abdul Rauf, Zafar-ul-Ahsan Qureshi, Muhammad	Journal of Materials Science: Materials in Medicine	26(3)	136	IRCBM-LHR	2.45	2
5	Recent Developments in Electrochemical Sensors for the Detection of Neurotransmitters for Applications in Biomedicine	Rifat Emrah Özel, <b>Akhtar Hayat</b> & Silvana Andreescu	Analytical letters	48	1044–1069	IRCBM-LHR	1.019	1
6	A study of the effect of precursors on physical and biological properties of mesoporous bioactive glass	<b>Asma Tufail Shah</b> , Quratul Ain, <b>Aqif Anwar Chaudhry</b> , <b>Ather Farooq Khan</b> , <b>Bushra Iqbal</b> , Sana Ahmad, <b>Saadat Anwar Siddiqi</b> ,	Journal of Materials Science	50 (4)	1794-1804	IRCBM-LHR	2.305	5

7	An update on glass fiber dental restorative composites: A systematic review	<b>Abdul Samad Khan</b> , Maria Tahir Azam, Maria Khan, Salman Aziz Mian, Ihtesham Ur Rehman	Materials Science and Engineering: C	47(1)	26-39	IRCBM-LHR	2.736	1
8	An overview of the role of ionic liquids in biodiesel reactions	<b>Nawshad Muhammad</b> , Yasir A. Elsheikh, Muhammad Ibrahim Abdul Mutalib, <b>Aqeel Ahmed Bazmi</b> , Rahmat Ali Khan, Hidayatullah Khan, Sikander Rafiq, Zakaria Man, Ihsanullah Khan	Journal of Industrial and Engineering Chemistry	21(25)	1-10	IRCBM-LHR, CHEMICAL ENGINEERING	2.063	1
9	Some Properties of Magnetite Nanoparticles Produced Under Different Conditions	Umar Saeed Khan, Nazir Shah Khattak, Abdul Manan, Aminur Rahman, Faridullah Khan, <b>Abdur Rahim</b>	Journal of Electronic Materials	44(1)	303-312	IRCBM-LHR	1.675	1
10	(Hydroxypropyl)methylcellulose mediated synthesis of highly porous composite scaffolds for trabecular bone repair applications	<b>Ather Farooq Khan</b> , Adeel Afzal, <b>Aqif Anwar Chaudhary</b> , Muhammad Saleem, <b>Lubna Shahzadi</b> , <b>Arshad Jamal</b> , <b>Muhammad Yar</b> , Amir Habib, and	Science of Advanced Materials	7(6)	1177-1186(10)	IRCBM, CIIT, LAHORE	2.9	5
11	Molecular imprinted titania nanoparticles for selective recognition and assay of uric acid	Adnan Mujahid, Aimen Idrees Khan, Adeel Afzal, Tajamal Hussain, Muhammad Hamid Raza, <b>Asma Tufail Shah</b> , Waheed uz	Applied Nanosciences	5	527-534	IRCBM, CIIT, LAHORE	Nil	1
12	Effect of beverages on viscoelastic properties of resin-based dental composites	M. Kaleem, <b>A.S. Khan</b> , I. Rehman, F. Wong	Materials	8(6)	2863-2872	IRCBM, CIIT, LAHORE	2.65	1
13	Structural, Surface, in vitro Bacterial Adhesion and Biofilm Formation Analysis of Three Dental Restorative Composites	Maria T. Azam, <b>Abdul S. Khan</b> , Danish Muzzafar, Rani Faryal, <b>Saadat A. Siddiqi</b> , Riaz Ahmad, <b>Aqif A. Chauhdry</b> and Ihtesham	Materials	8(6)	3221-3237	IRCBM, CIIT, LAHORE	2.65	3

14	Synthesis of Novel Electrospun Biodegradable Nanocomposite Scaffolds for Periodontal Regeneration	A. Farooq, <b>M Yar</b> , <b>A.S. Khan</b> , <b>L. Shahzadi</b> , <b>S.A. Siddiqi</b> , N. Mahmood, A. Rauf, Z. A. Qureshi, <b>A.A. Chaudhry</b> , I. Rehman	Materials Science and Engineering C	56	104-113	IRCBM, CIIT Lahore	3.088	5
15	First examples of carbene catalyzed allylation of benzaldehyde: a combined experimental and theoretical study	<b>Sobia Tabassum</b> , Mazhar Amjad Gilani, Khurshid Ayub, René Wilhelm	Journal of the Iranian Chemical Society	12/7	1199-1205	IRCBM-Chemical Eng.-CIIT, Lahore	1.4	2
16	Direct synthesis of mesoporous molecular sieves of Ni-SBA-16 by internal pH adjustment method and its performance for adsorption of toxic brilliant green dye	<b>Asma Tufail Shah</b> , Muhammad Imran Din, Farva Nausheen Kanwal, Muhammad Laif Mirza,	Arabian Journal of Chemistry	8/4	579-586	IRCBM-CIIT, Lahore	2.684	1
17	Evaluation of the oxidase like activity of nanoceria and its application in colorimetric	<b>A Hayat</b> , J Cunningham, G Bulbul, S Andreescu	Analytica Chimica Acta	885	885: 140-147	IRCBM-CIIT, Lahore	4.513	1
18	Acute Exposure to Dexamethasone in Early-Life has Enduring Effects on Immune Cell Migration and Delayed Wound Healing Long	<b>Sharif F</b> , Steenbergen PJ, Metz JR, Champagne DL.	Wound Repair Regen.	23(6)	855-865	IRCBM-CIIT, Lahore	2.7	1
19	Tritethylorthoformate mediated a novel crosslinking method for the preparation of hydrogels for tissue engineering applications: characterization and in vitro	<b>Muhammad Yar</b> , Sohail Shahzad, <b>Saadat Anwar Siddiqi</b> , Nasir Mahmood, Abdul Rauf, <b>Aqif Anwar Chaudhry</b> , Ihtesham ur Rehman	Materials Science and Engineering C	56	154-164	IRCBM-CIIT, Lahore	3.088	3

20	Microwave assisted synthesis and characterization of magnesium substituted calcium phosphate bioceramics	Nida Iqbal Khan, <b>Kashif Ijaz</b> , <b>Muniza Zahid</b> , <b>Abdul S. Khan</b> , Mohammed Rafiq Abdul Kadir, Rifaqat Hussain, Anis-ur-Rehman, Jawwad A. Darr, Ihtesham-ur-	Material Science and Engineering	56	286–293	IRCBM-CIIT, Lahore	2.736	4
21	Density and excess molar volume of binary mixture of thiocyanate-based ionic liquids and methanol at temperatures 303–315 K	Girma Gonfa, Mohamad Azmi Bustam, <b>Nawshad Muhammad</b>	Journal of Molecular Liquids	211	734–741	IRCBM-CIIT, Lahore	2.55	1
22	Synthesis of piroxicam loaded novel electrospun biodegradable nanocomposite scaffolds for periodontal regeneration	Ariba Farooq, <b>Muhammad Yar</b> , <b>Abdul Samad Khan</b> , <b>Lubna Shahzadi</b> , <b>Saadat Anwar Siddiqi</b> , Nasir Mahmood, Abdul Rauf, Zafar-ul-Ahsan Qureshi, <b>Faisal Manzoor</b> , <b>Aqif Anwar Chaudhry</b> , Ihtesham ur Rehman	Materials Science and Engineering C	56	104–113	IRCBM-CIIT, Lahore	3.088	6
23	New transcription factors involved with postnatal ventral prostate gland development in male Wistar rats during the first week	<b>Umar Nishan</b> , Danilo M. Damas-Souza, Guilherme Oliveira Barbosa, <b>Nawshad Muhammad</b> , <b>Abdur Rahim</b> , Fernandes F. Carvalho	Life Sciences	143 (2015)	168–173	IRCBM-CIIT, Lahore	2.7	3
24	Development of an aptasensor based on a fluorescent particles-modified aptamer for ochratoxin A detection	<b>Akhtar Hayat</b> , Rupesh K. Mishra, Gaelle Catanante, Jean Louis Marty	Analytical and bioanalytical chemistry	407(25)	7815-7822	IRCBM-CIIT, Lahore	3.436	1

25	Copper phthalocyanine modified SiO <sub>2</sub> /C electrode as a biomimetic electrocatalyst for 4-aminophenol in the development of an amperometric sensor	<b>Abdur Rahim · Nawshad Muhammad · Umar Nishan · Umar Saeed Khan · Fozia Rehman · Lauro Tatsuo Kubotaa · Yoshitaka Gushikema ·</b>	<b>RSC Advances</b>	5(2015)	87043-87050	IRCBM-CIIT, Lahore	3.84	4
26	Synthesis, COSMO-RS analysis and optical properties of surface modified ZnS quantum dots using ionic liquids	<b>RobinaShahid, Nawshad Muhammad</b> , GirmaGonfa, Muhammet S. Toprak, MamounMuhammed	Journal of Physics and Chemistry of Solids	85	34–38	IRCBM-CIIT, Lahore	1.85	2
27	Design and synthesis of new barbituric- and thiobarbituric acid derivatives as potent urease inhibitors: structure activity relationship and molecular modeling studies	Abdul Rauf, Sohail Shahzad, Marek Bajda, <b>Muhammad Yar</b> *, Faiz Ahmed, Nazar Hussain, Muhammad Nadeem Akhtar, Ajmal Khan, Jakub Jończyk	Bioorganic and Medicinal Chemistry	23(17)	6049–6058	IRCBM-CIIT, Lahore	2.951	1
28	Portable Nanoparticle-Based Sensors for Food Safety Assessment	Gonca Bülbül, <b>Akhtar Hayat</b> , Silvana Andreescu	Sensors	15 (12)	30736-30758	IRCBM-CIIT, Lahore	2.245	1
29	Ionic liquids based fluorination of organic compounds using electrochemical method	Zia Ul Haq Khan, Dondan Kong, Yongmei Chen, <b>Nawshad Muhammad</b>	Journal of Industrial and Engineering Chemistry	31(25)	26–38	IRCBM-CIIT, Lahore	3.53	1
30	Tuning Ionic liquids for Natural Gas Dehydration Using COSMO-RS Methodology	Girma Gonfa, Mohamad Azmi Bustam, Azmi M. Sharif, <b>Nawshad Mohamad</b> , Sami Ullah	Journal of Natural Gas Science and Engineering	27	1141-1148	IRCBM-CIIT, Lahore	2.1	1

31	Biologically synthesized silver nanoparticle-based colorimetric sensor for the selective detection of Zn <sup>2+</sup>	Muhammad Ihsan, Abdul Niaz, <b>Abdur Rahim</b> , Muhammad Iqbal Zaman, Muhammad Balal Arain, Sirajuddin, Tehmina Sharif and Memoona Najeeb	RSC Advances	2015(5)	91158-91165	IRCBM-CIIT, Lahore	3.84	1
32	Titanium Dioxide Nanoparticles (TiO <sub>2</sub> ) Quenching Based Aptasensing Platform: Application to Ochratoxin A Detection	Atul Sharma, <b>Akhtar Hayat</b> , Rupesh K Mishra, Gaëlle Catanante, Sunil Bhand, Jean Louis Marty	Toxins	7 (9)	3771-3784	IRCBM-CIIT, Lahore	2.938	1
33	A Label Free Aptasensor for Ochratoxin A Detection in Cocoa Beans: An Application to Chocolate Industries	Rupesh K. Mishra, <b>Akhtar Hayat</b> , Gaëlle Catanante, Cristina Ocaña, Jean-Louis Marty	Analytica Chimica Acta	889 :	106–112	IRCBM-CIIT, Lahore	4.513	1
34	Conductive and electroactive composite paper reinforced by coating of polyaniline on lignocelluloses fibers	<b>Aamir Razaq</b> , M. H. Asif, Riffat <b>Kalsoom</b> , <b>Ather Farooq Khan</b> , M. S. Awan, <b>S. Ishrat</b> and Shahid M. Ramay	Journal of Applied Polymer Science	132(29)	Pages	IRCBM-CIIT, Physics Lahore	1.768	1
35	The effect of reaction atmosphere and growth duration on the size and	Pervaiz Ahmad, Mayeen Uddin Khandaker, Yusoff Mohd Amin, <b>Nawshad Muhammad</b>	New J. Chem	39(10)	7912-7915	IRCBM-CIIT, Lahore	3.1	1
36	Synthesis, Characterization and Effect of Temperature on Different Physicochemical Properties of Protic Ionic Liquids	Zahoor Ullah, Mohamad Azmi Bustam, Zakaria Man, <b>Nawshad Muhammad</b> and Amir Sada Khan	RSC Adv	5 (87)	71449-71461	IRCBM-CIIT, Lahore	3.84	1

37	Synthesis, Characterization, Lipoxygenase inhibitory activity and in silico Molecular Docking of Biaryl bis(benzenesulfonamide) and Indol-3-yl-hydrazide derivatives	Sadaf Mutahir, <b>Muhammad Yar</b> , Muhammad Asim Khan, Nisar Ullah, Sohail Anjum Shahzad, Islam Ullah Khan, Rana Atif Mehmood, Muhammad Ashraf, Rumana Nasar, Eleni Pontiki	Journal of Iranian Chemical Society	12(6)	1123-1130	IRCBM-CIIT, Lahore	1.4	1
38	Transformation Mechanism of Magnetite Nanoparticles	U. S. Khan, N. S. Khattak, Amanullah A. Manan, <b>A. Rahim</b>	Material Science-Poland	33(2)	278-285	IRCBM-CIIT, Lahore	0.54	1
39	Synthesis and characterization of boron nitride microtubes	Pervaiz Ahmad, Mayeen Uddin Khandaker <sup>1</sup> , Yusoff Mohd Amin, and <b>Nawshad Muhammad</b>	Mater. Express	5(3)	249-254	IRCBM-CIIT, Lahore	<b>2.3</b>	1
40	Analysis of pulse laser induced modifications on HDPE for laser processing of polyethylene	Mamoona Bashir, Malik Sajjad Mehmood, Tariq Yasin, Izhar Ahmad, <b>Anila Asif</b> and Masroor	Journal of Russian Laser Research	36 (3)	258	IRCBM-CIIT, Lahore	0.6	1
41	Colorimetric cholesterol sensor based on peroxidase like activity of zinc oxide nanoparticles incorporated carbon nanotubes	<b>Akhtar Hayat</b> , Waqar Haider, Yousuf Raza, Jean Louis Marty	Talanta	143	157-161	IRCBM-CIIT, Lahore	3.545	1
42	Label free aptasensor for lysozyme detection: a comparison of the analytical performance of two aptamers	Cristina Ocaña, <b>Akhtar Hayat</b> , Rupesh K Mishra, Alina Vasilescu, Manel del Valle, Jean-Louis Marty	Bioelectrochemistry	105	(72-77)	IRCBM-CIIT, Lahore	4.172	1
43	Sol-gel synthesis and investigation of structural, electrical and magnetic properties of Pb doped La <sub>0.1</sub> Bi <sub>0.9</sub> FeO <sub>3</sub> multiferroics	Imran Ghafoor, <b>Saadat Anwar Siddiqi</b> , Shahid Atiq, Saira Riaz, Shahzad Naseem	Journal of Sol-Gel Science and Technology	74(2)	352-356	IRCBM-CIIT, Lahore	1.66	1

44	Effect of ionic liquid on thermo-physical properties of bamboo biomass	<b>Nawshad Muhammad</b> , YananGao, Muhammad Irfan Khan, <b>Zakir Khan</b> , <b>Abdur Rahim</b> , <b>Farasat Iqbal</b> , Amir Sada khan & Jibran Iqbal	Wood Science and Technology	49	897-913	IRCBM-CIIT, Chemical Lahore	1.92	4
45	A novel electrochemical aptamer-antibody sandwich assay for lysozyme detection	C Ocaña, <b>A Hayat</b> , R Mishra, A Vasilescu, M del Valle, JL Marty	Analyst	140	4148-4153	IRCBM-CIIT, Lahore	4.107	1
46	Synthesis and Thermophysical Properties of Hydrogensulfate-Based Acidic Ionic Liquids	ZahoorUllah. M. AzmiBustam . <b>Nawshad Muhammad</b> . Zakaria Man. Amir Sada Khan	Journal of Solution Chemistry	4400(3-4)	Jan-00	IRCBM-CIIT, Lahore	1.14	1
47	Gold nanoparticle decorated single walled carbon nanotube nanocomposite with synergistic peroxidase like activity for D-alanine detection	W Haider, <b>A Hayat</b> , Y Raza, <b>AA Chaudhry</b> , JL Marty	RSC Advances	5 (32)	24853-24858	IRCBM-CIIT, Lahore	3.84	2
48	Green Synthesis and Characterization of Silver Nanoparticles Using FerocactusEchidne Extract as a Reducing Agent	<b>AsmaTufail Shah</b> , Muhammad Imran Din, Shahid Bashir, Muhammad Abdul Qadir & Farzana Rashid	Analytical Letters	48	180-189	IRCBM-CIIT, Lahore	1.019	1
49	Organocatalyzed solvent free an efficient novel synthesis of 2,4,5-trisubstituted imidazoles for $\alpha$ -glucosidase inhibition to treat diabetes	<b>Muhammad Yar</b> , Marek Bajda, Sohail Shahzad, Nisar Ullah, <b>Mazhar Amjad Gilani</b> , Muhammad Ashraf, Abdul Rauf, Ayesha Shaukat	Bioorganic Chemistry	58	65-71	IRCBM-CIIT, Chemical Lahore	2.141	1



50	Synthesis of New Camphor-Based Carbene Ligands and Their Application in a Copper Catalyzed Michael Addition with B2Pin2	Maximilian Koppen wallner, Eduard Rais, Magdalena Uzarewicz-Baig, <b>Sobia Tabassum</b> , <b>Mazhar Amjad Gilani</b> , René Wilhelm	Synthesis	47	789-800	IRCBM-CIIT, ChemicalLahore	2.5	1
51	The Concise Synthesis of Unsymmetric Triarylacetonitriles via Pd-Catalyzed Sequential Arylation: A New Synthetic Approach to Tri and Tetraarylmethanes	Masakazu Nambo, <b>Muhammad Yar</b> , Joel Smith, Cathleen Crudden	Organic Letters	17	50-53	IRCBM-CIIT, Lahore	6.3	1
52	A new Penta coordinate Polymeric Copper (II) complex with 2-amino-2-methyl-1,3-propandiol: Structural Investigations using XRD and DFT	<b>Ghulam Abbas</b> , Ali Hassan, Ahmad Irfan, <b>Mariam Mir</b> , Mariyatal-Rashida and Gang Wu	Journal of Structural Chemistry	55, (6)	1159-1168	IRCBM-CIIT, Lahore	0.501	2
53	Evaluation of Thermophysical Properties of Functionalized Imidazolium Thiocyanate Based Ionic Liquids	G Gonfa, MA Bustam, <b>N Muhammad</b> , AS Khan	Industrial & Engineering Chemistry Research	2015	54(49)	IRCBM-CIIT, Lahore	2.56	1
54	Synthesis and DPPH scavenging assay of reserpine analogues, computational studies and in silico docking studies in AChE and BChE responsible for Alzheimer's disease	[Yar, Muhammad; Farooq, Ariba] IRCBM; [Gilani, Mazhar Amjad] Dept Chem Engn; [Arshad, Muhammad; Ayub, Khurshid] Dept Chem, Abbottabad; [Ayub, Khurshid] ; [Ejaz, Asma; Ninomiya, Ichiya] ; [Kumar, Anupriya]	BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES	51/1	53-61	IRCBM-CIIT, Lahore	IF/ISI	

55	Defects induced magnetization in B-doped ZnFeO dilute magnetic semiconductors	[Saleem, Murtaza; Anwar, M. Sabieh]; [Mahmood, Asif]; [Atiq, Shahid] [Ramay, Shahid]; [Siddiqi, Saadat A.]	PHYSICA B-CONDENSED MATTER	465	16-20	IRCBM-CIIT, Lahore	IF/ISI	
56	Dielectric and magnetic investigations of mixed cubic spinel Co-ferrites with controlled Mg content	[Piracha, Afaq H.; Saleem, Murtaza; Anwar, Muhammad Sabieh]; [Atiq, Shahid]; [Siddiqi, Saadat A.] [Ramay, Shahid M.]	JOURNAL OF ELECTROCERAMICS	34	122-129	IRCBM-CIIT, Lahore	IF/ISI	
57	Scattering of electromagnetic waves from a chiral coated nihility cylinder hosted by isotropic plasma medium	[Ghaffar, A.; Alkanhal, Majeed A. S.]; [Yaqoob, M. Z.]; [Ghaffar, A.]; [Naqvi, Q. A.]; [Shakir, I.]	OPTICAL MATERIALS EXPRESS	5/5	1224-1229	IRCBM-CIIT, Lahore	IF/ISI	
58	Pyridine sulfonamide as a small key organic molecule for the potential treatment of type-II diabetes mellitus and Alzheimer's disease: In vitro studies against yeast alpha-glucosidase, acetylcholinesterase and butyrylcholinesterase	[Riaz, Sadaf; Khan, Islam Ullah; Rehman, Tanzeel Ur; Mutahir, Sadaf; Hussain, Sajjad; Mustafa, Ghulam]; [Yar, Muhammad]; [Bajda, Marek]; [Ashraf, Muhammad]; [Qurat-ul-Ain; Shaukat, Ayesha]	BIOORGANIC CHEMISTRY	63	64-71	IRCBM-CIIT, Lahore	IF/ISI	
59	Dielectric studies of environmentally friendly and flexible lignocelluloses fibrils for miniaturization of patch antenna	[Razaq, Aamir; Asif, M. H.; Iqbal, Shahid] Dept Phys, Lahore; [Khan, Asim Ali; Ali, Jawad] Dept Elect Engr, Lahore; [Manzoor, Faisal] IRCBM; [Awan, M. S.]	MODERN PHYSICS LETTERS B	29/30	1550187	IRCBM-CIIT, Lahore	IF/ISI	

60	Long-lasting effects of dexamethasone on immune cells and wound healing in the zebrafish	[Sharif, Faiza; Steenbergen, Peter J.; Champagne, Danielle L.] ; [Sharif, Faiza] ; [Steenbergen, Peter J.] ; [Metz, Juriaan R.; Champagne, Danielle L.]	WOUND REPAIR AND REGENERATION	23/6	855-865	IRCBM-CIIT, Lahore	IF/ISI	
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Non-ISI Publications								
S. No.	Title	Authors	Journal Name	Volume/Issue	Page/Article ID	Dep-Campus	IF/ISI	CIIT Authors
1	Potential Biosorbent Derived from Calligonum Polygonoides for Removal of Methylene Blue Dye from Aqueous Solution	Asma Nasrullah, Hizbullah Khan, Amir Sada Khan, Zakaria Man, Muhammad Irfan Khan, <b>Nawshad Muhammad</b> , and Naser M. AbdElsalam	The Scientific world journal	2015	Article ID 562693	IRCBM-CIIT, Lahore	1.2	1
2	Finite Element Method Analysis of a Jaw Structure upon Surgically Assisted Rapid Maxillary Expansion with	B.A. Zai, <b>H. Mehboob</b> , <b>A.S. Khan</b>	Journal of Pakistan Dental Association	24	70-74	IRCBM-CIIT, Lahore	HEC Recognized	2
3	Dissolution and Separation of Wood Biopolymers Using Ionic Liquids	<b>Nawshad Muhammad</b> , Zakaria Man, M. I. Abdul Mutalib	ChemBioEng Reviews	2/4	257-278	IRCBM-CIIT, Lahore	Newly Launched wiley	1
4	Formation of self-ordered porous anodized alumina template for growing tungsten trioxide nanowires	Tajamal Hussain, <b>Asma Tufail Shah</b> , Zahoor Hussain Farooqi, Zaib Un Nisa, Khurram Shehzad, Muhammad Hamid Raza, Adnan	International Nano Letters	5	37-41	IRCBM-LHR	ISI Indexed	1

5	Isolation of Two New Mallotoates with Antifungal and Radical Scavenging Activities from Mallotus phillipensis muell	M Afzal, L Zhang, RJ Cox, <b>N Muhammad</b> , S Khan	Asian Journal of Chemistry	27 (10)	3891-3894	IRCBM-CIIT, Lahore	0.34	1
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